

Fig. 1 .

図 1

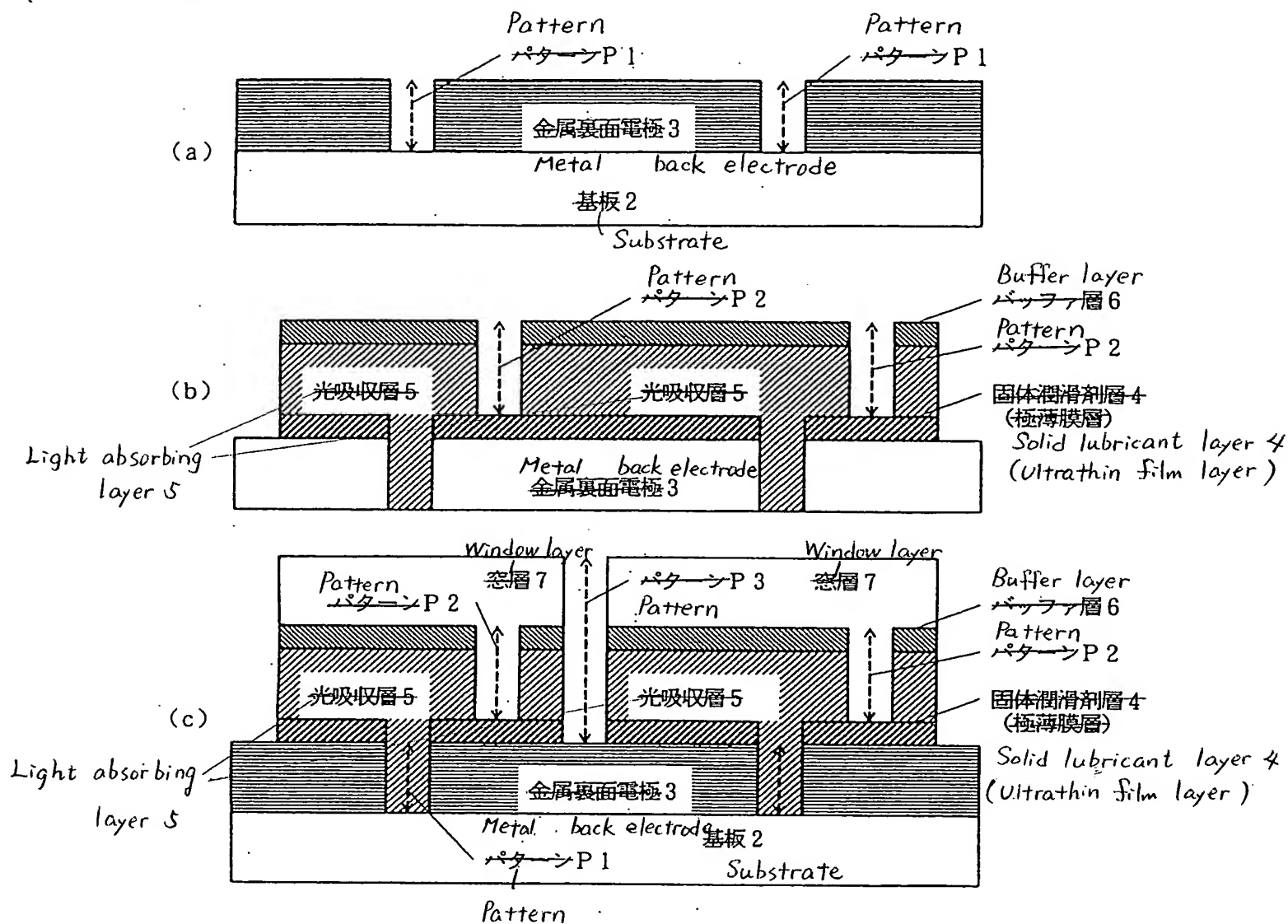
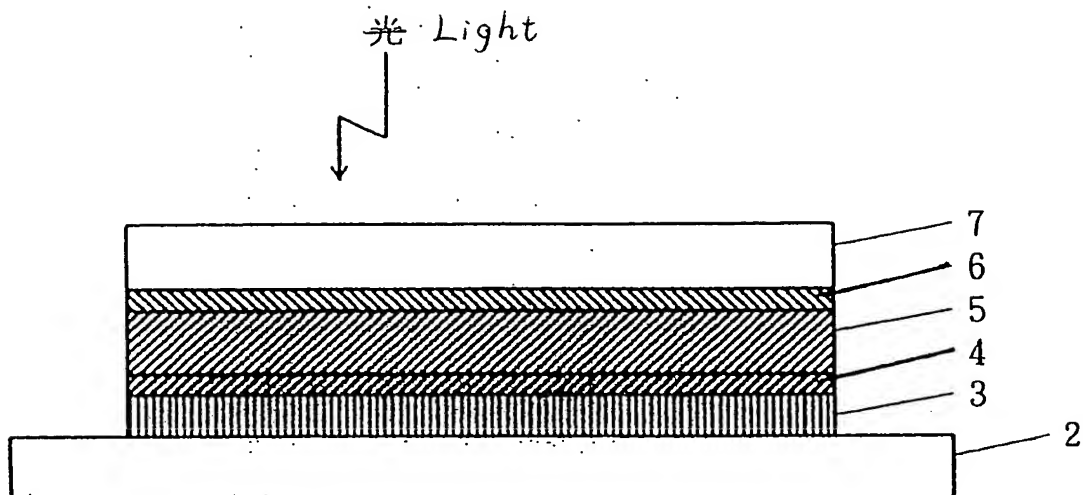


Fig. 2.

2



Integrated thin-film solar cell 1

2: Substrate

3: Metal. back electrode

4: Solid lubricant layer

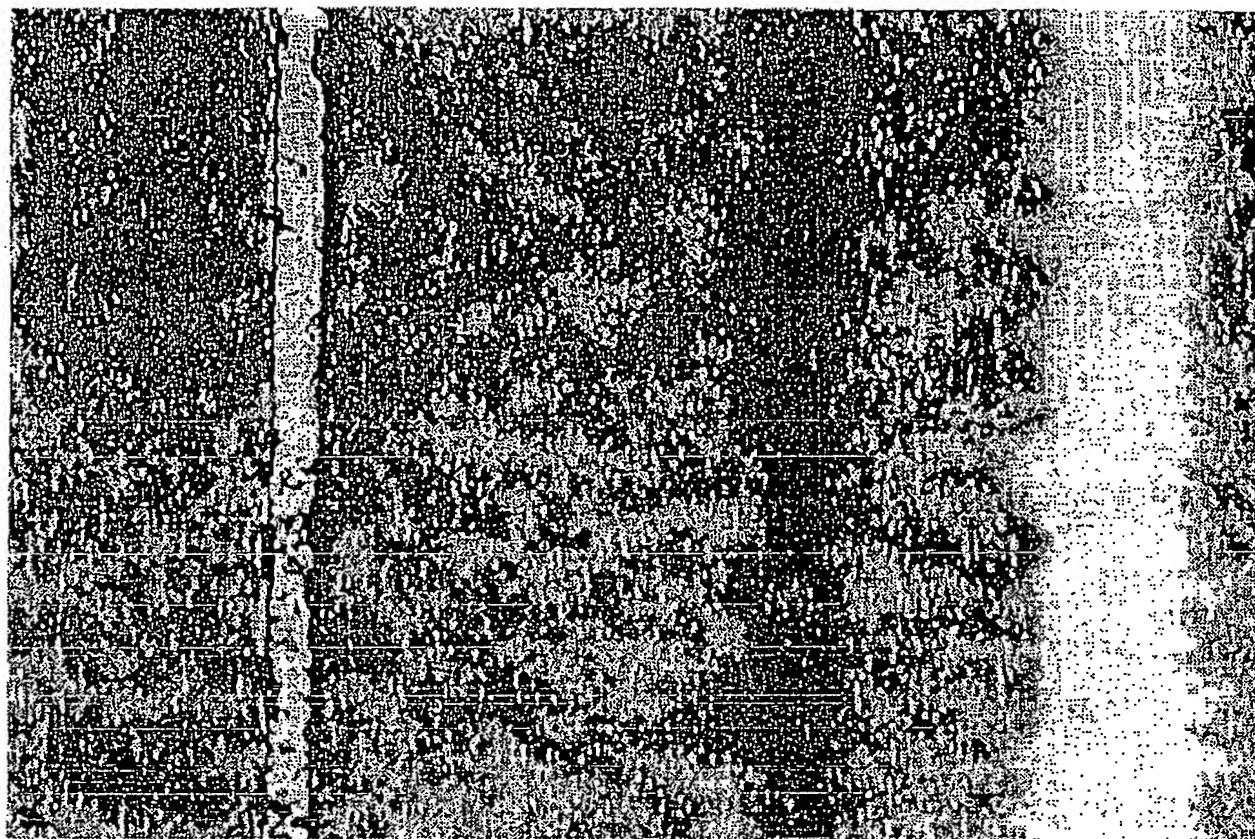
5: Light absorbing layer (p-type)

6: Interface Layer (buffer layer)

7: Window layer (n-type)

Fig. 3 .

図3



↑ パタ → P 1 パタ → P 2 ↑
 Pattern Pattern Pattern

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Fig. 4

~~Fig. 4~~

CIGS light absorbing
layer

MoSe₂ ultrathin layer

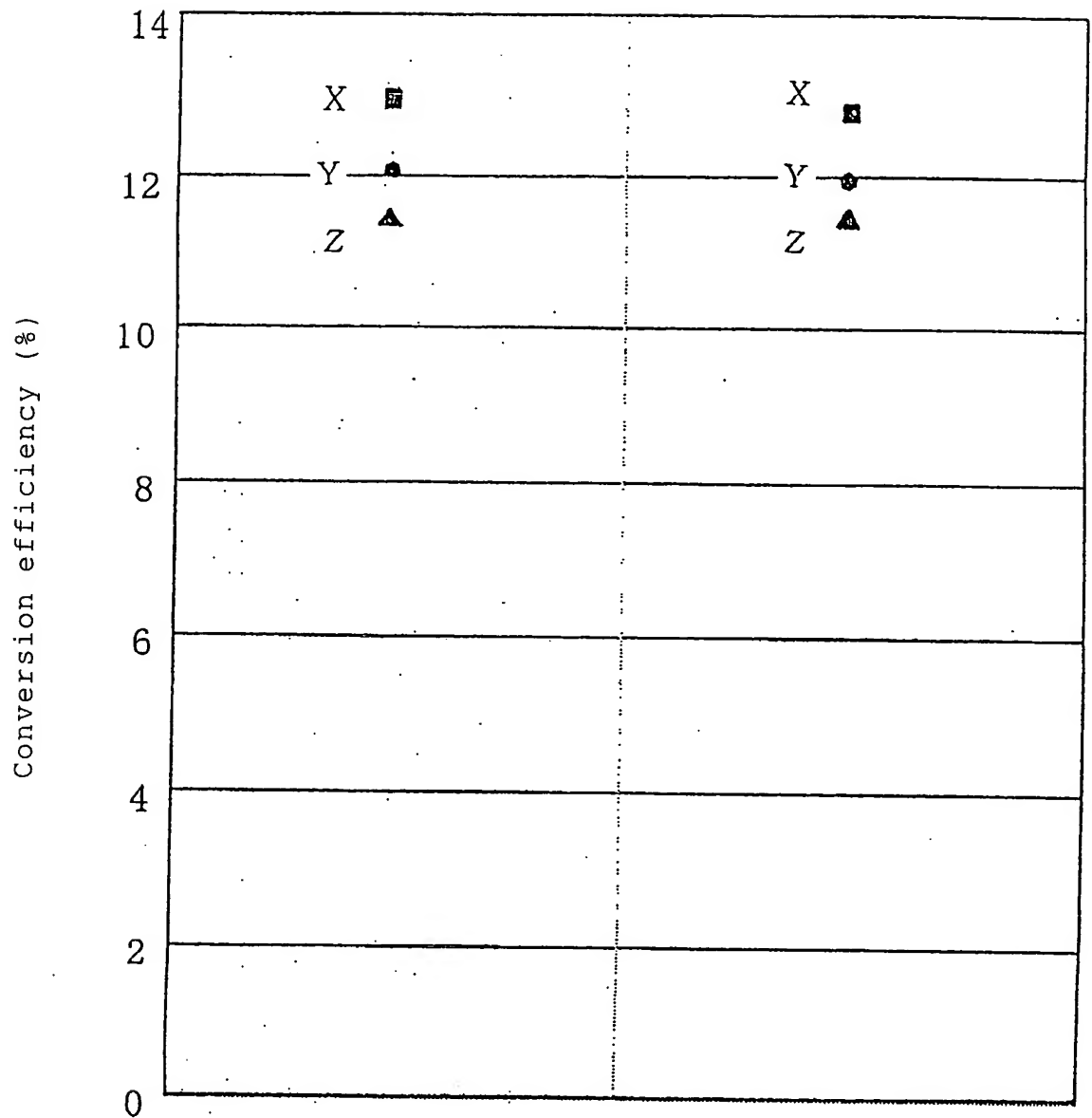
Mo metal back
electrode



500 Å

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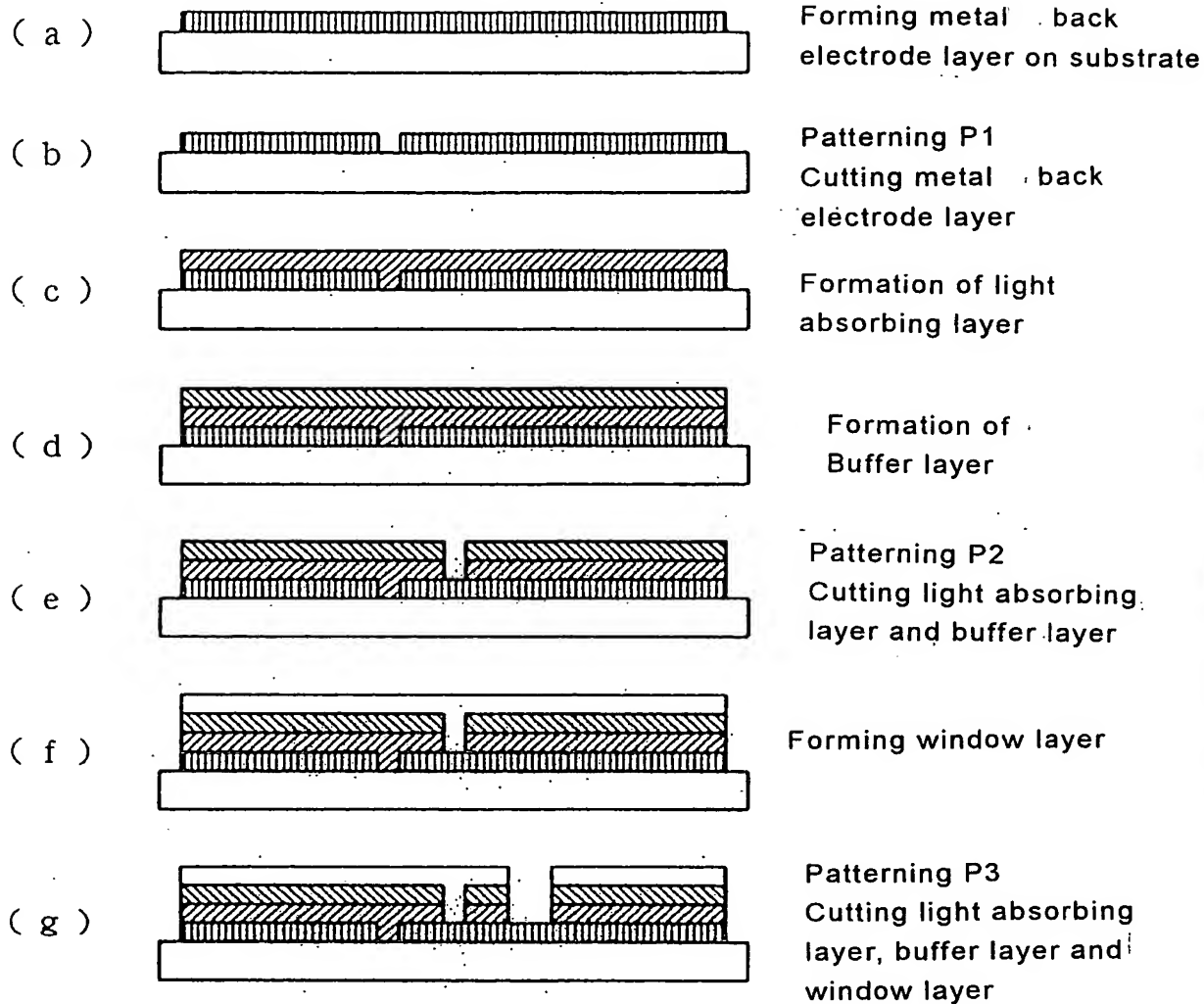
Fig. 5.
~~Fig. 5~~



(A) Pattern P2 formed before forming buffer layer (B) Pattern P2 formed after forming buffer layer

Fig. 6.

⊗ 6



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